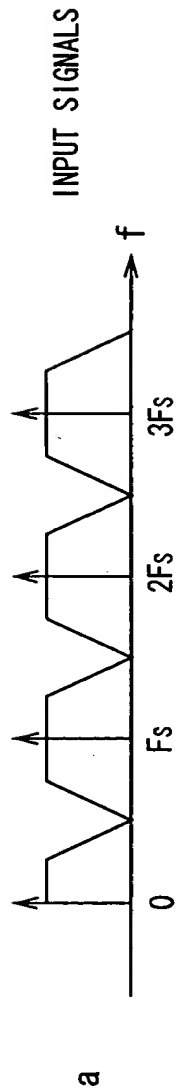
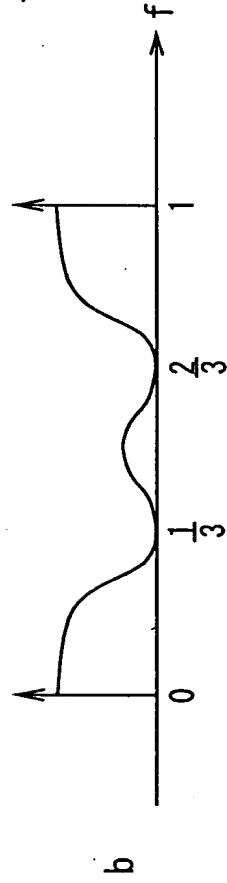


FIG. 1



$(1, 2, 3, 2, 1) = (1, 1, 1) \quad (1, 1, 1)$   
 TWO POINTS OF  $F_s(1/3)$ ,  $2F_s(2/3)$  ARE ZERO



OUTPUT AFTER PERFORMING THINNING-OUT  
 INTO  $1/M$

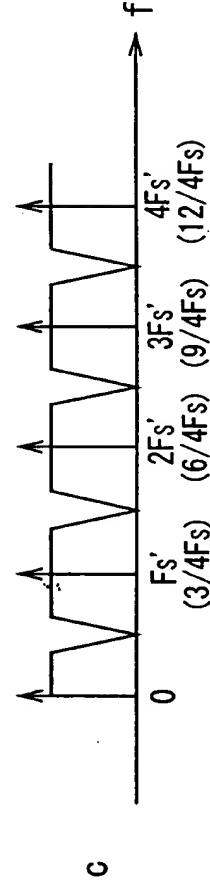
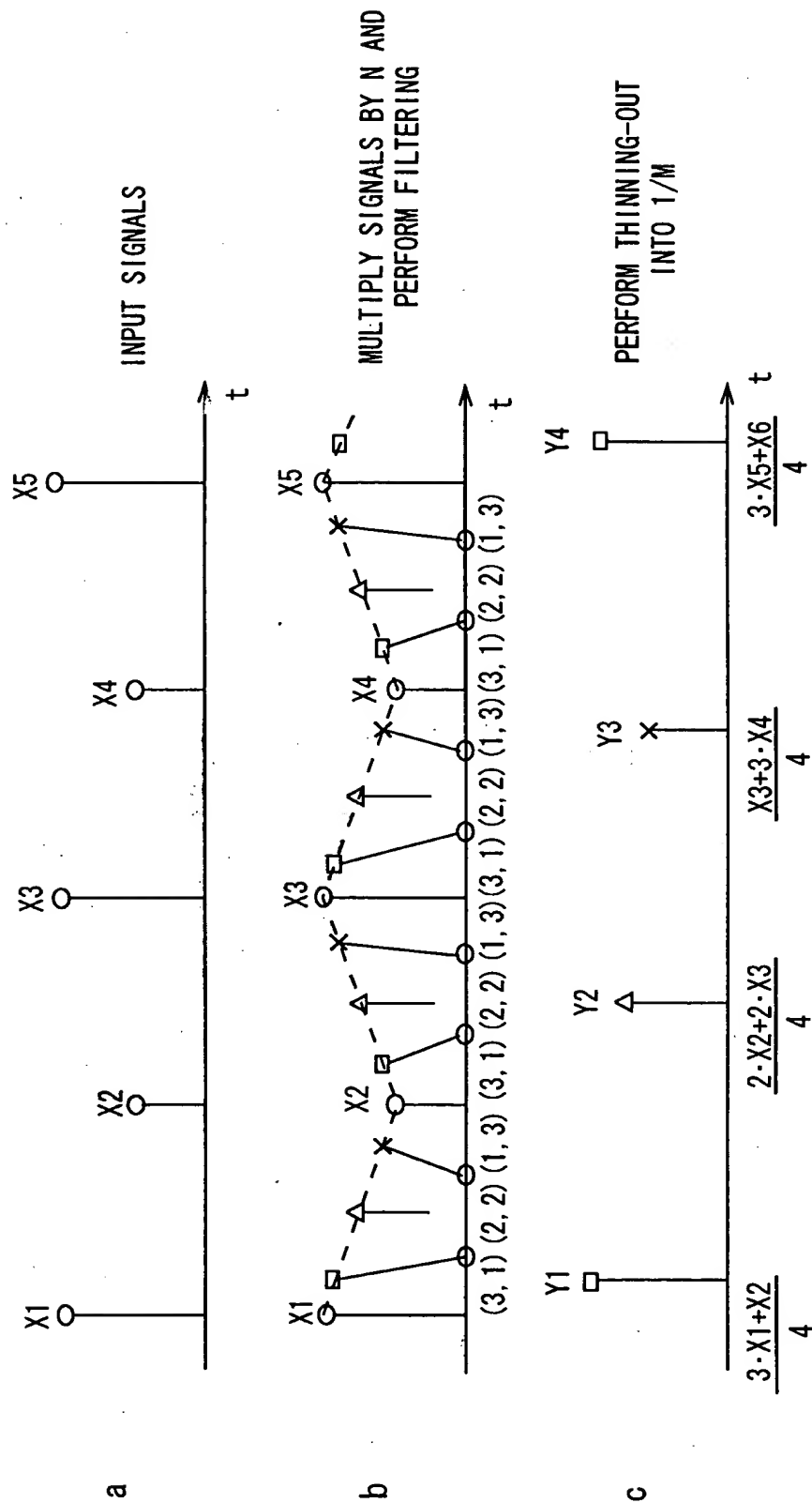


FIG. 2



AN EXAMPLE OF REDUCING INPUT SIGNALS TO 3/4 (M=4, N=3) (CURVE INTERPOLATION)

FIG. 3

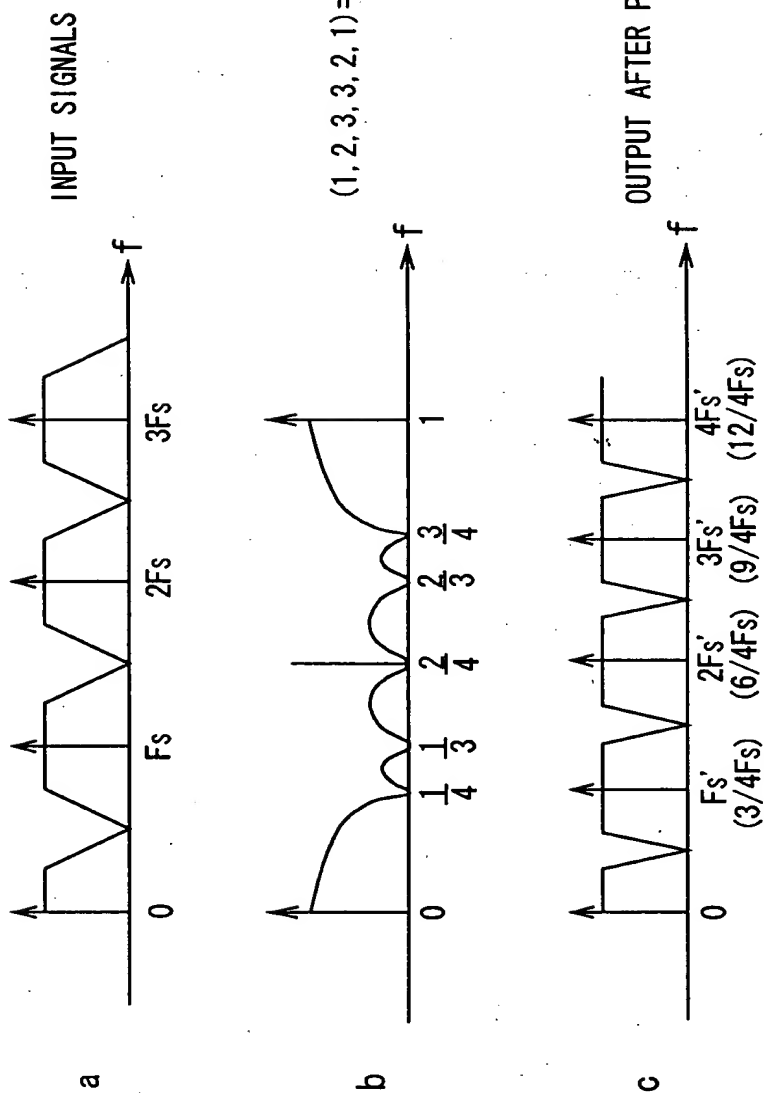
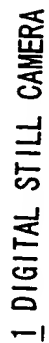


FIG. 4



5/26

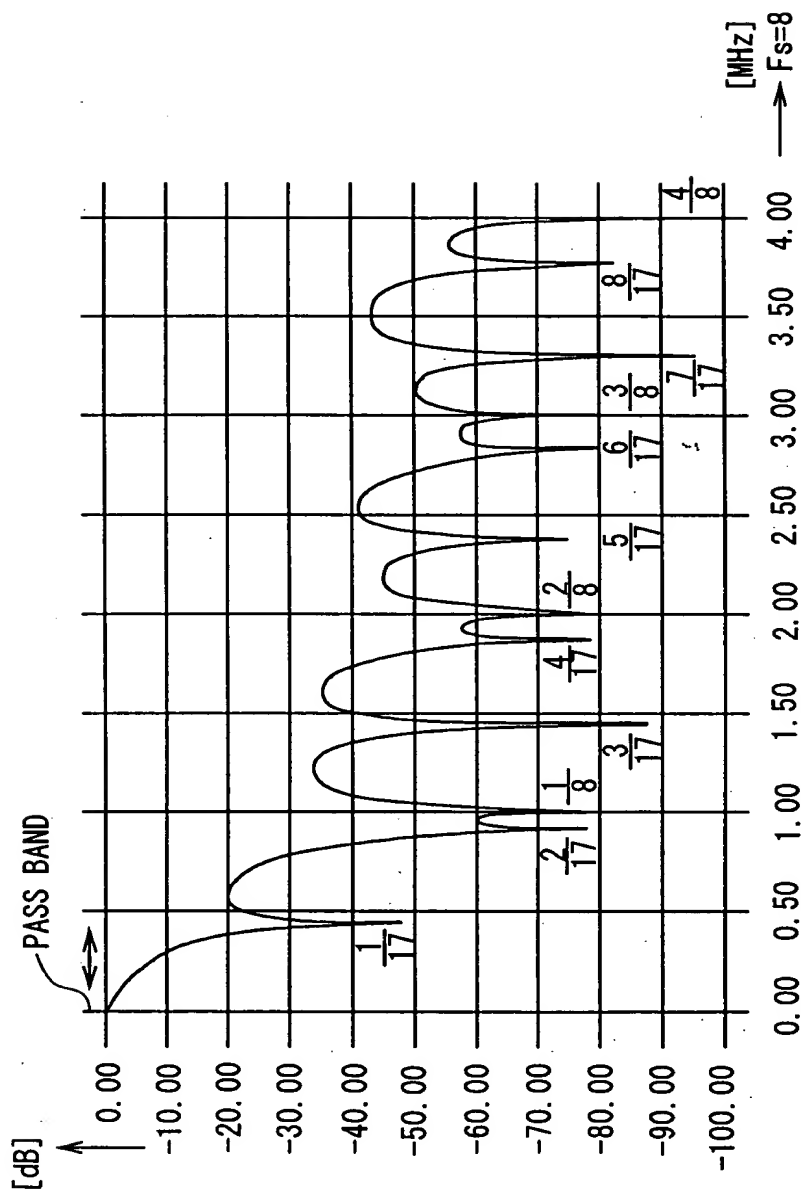


FIG. 6

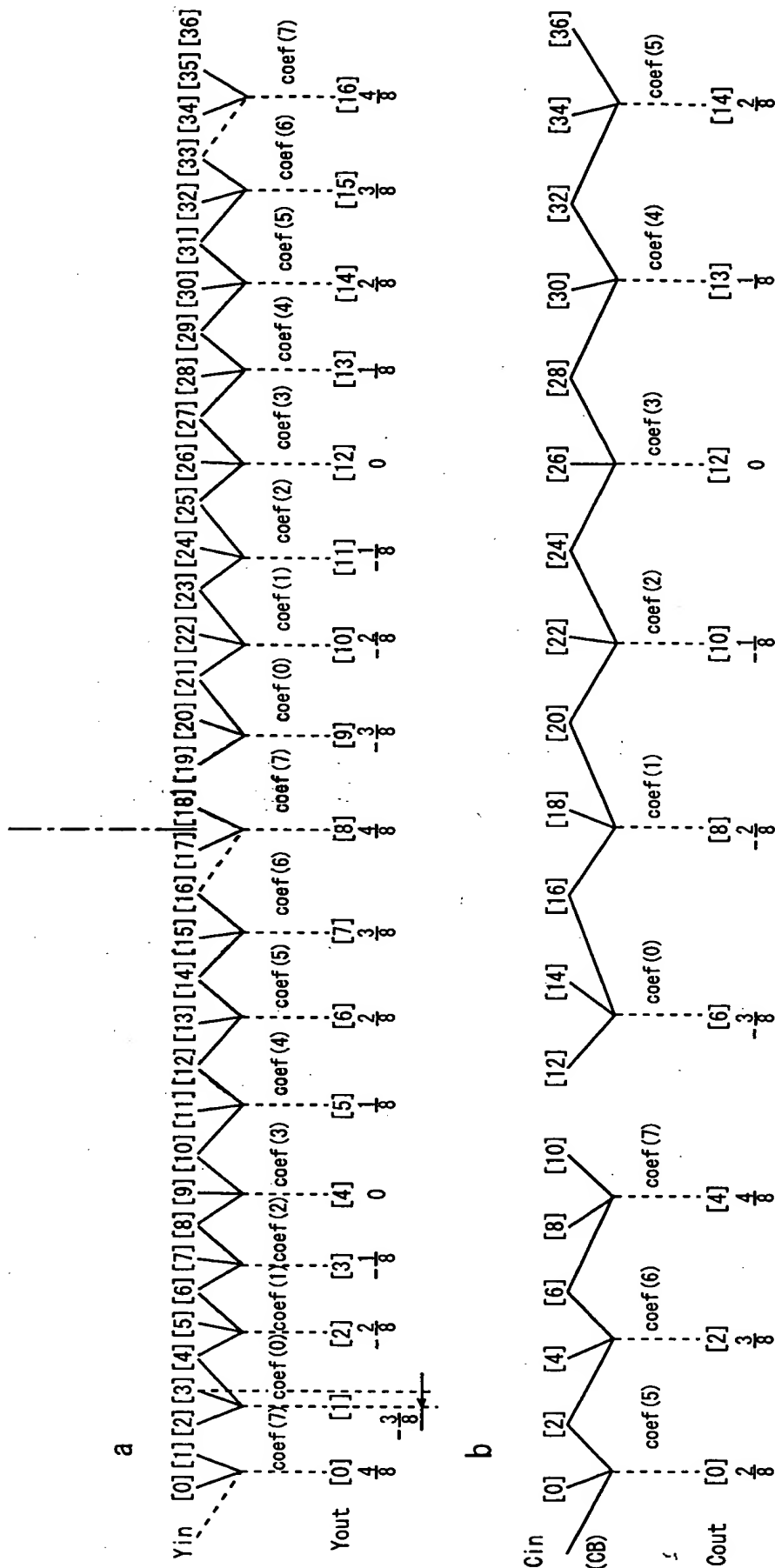


FIG. 7

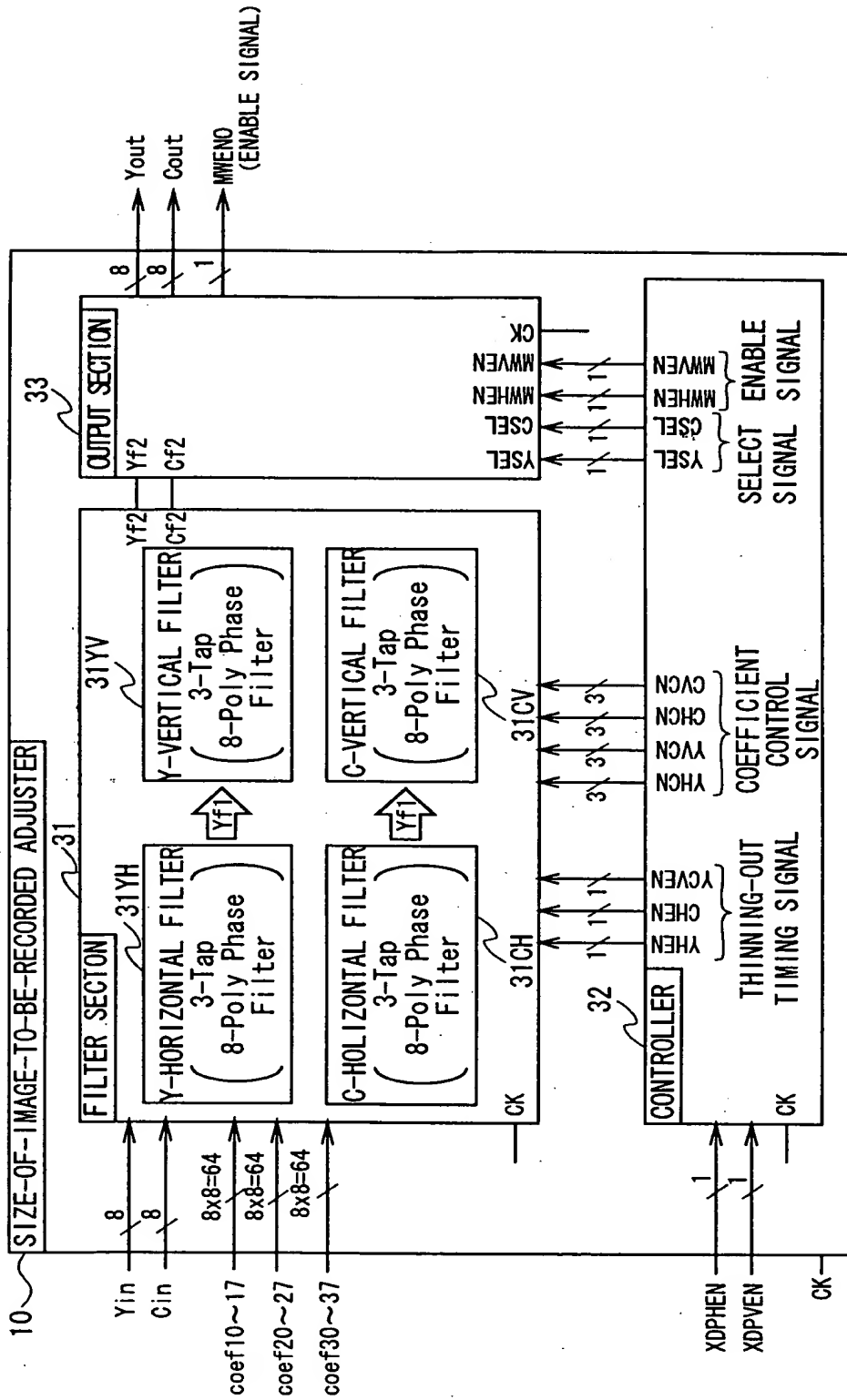


FIG. 8



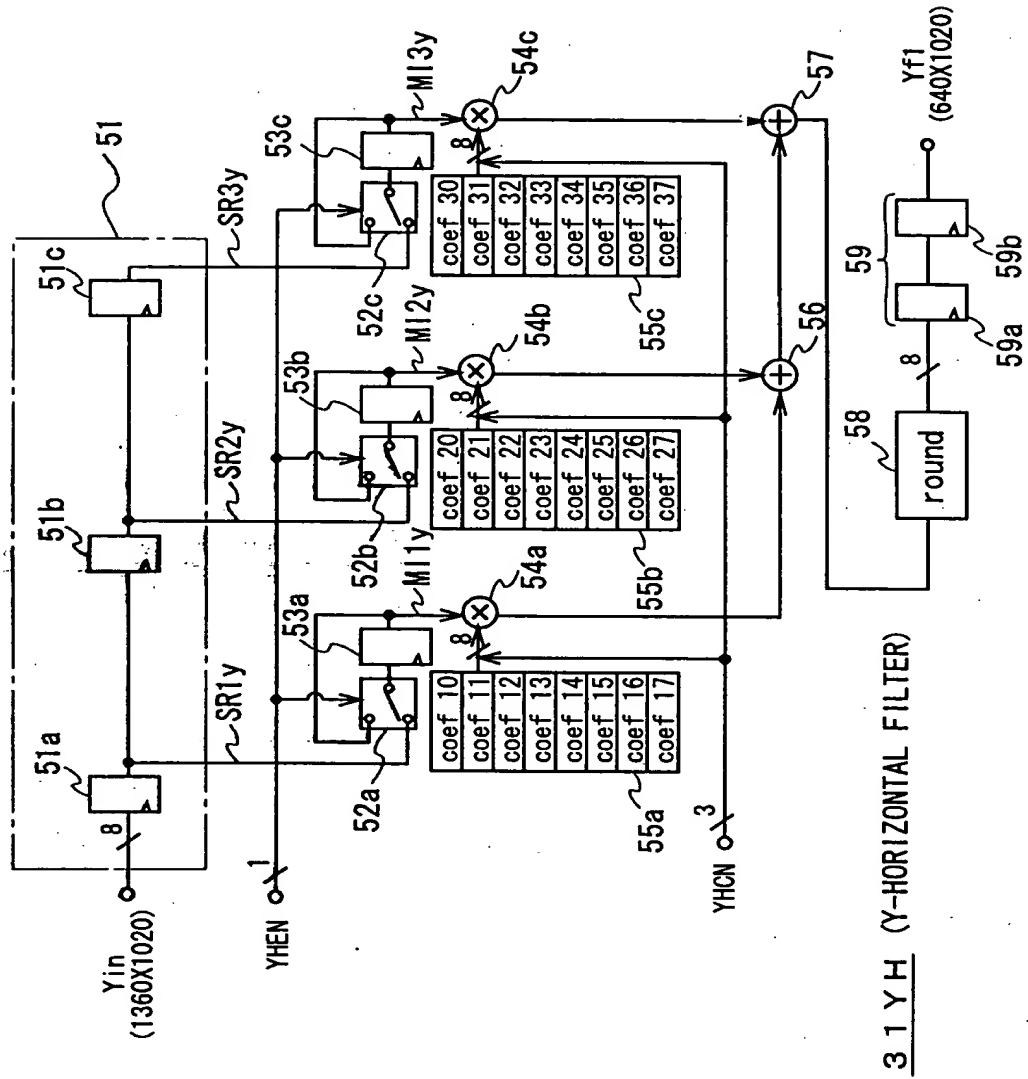


FIG. 9

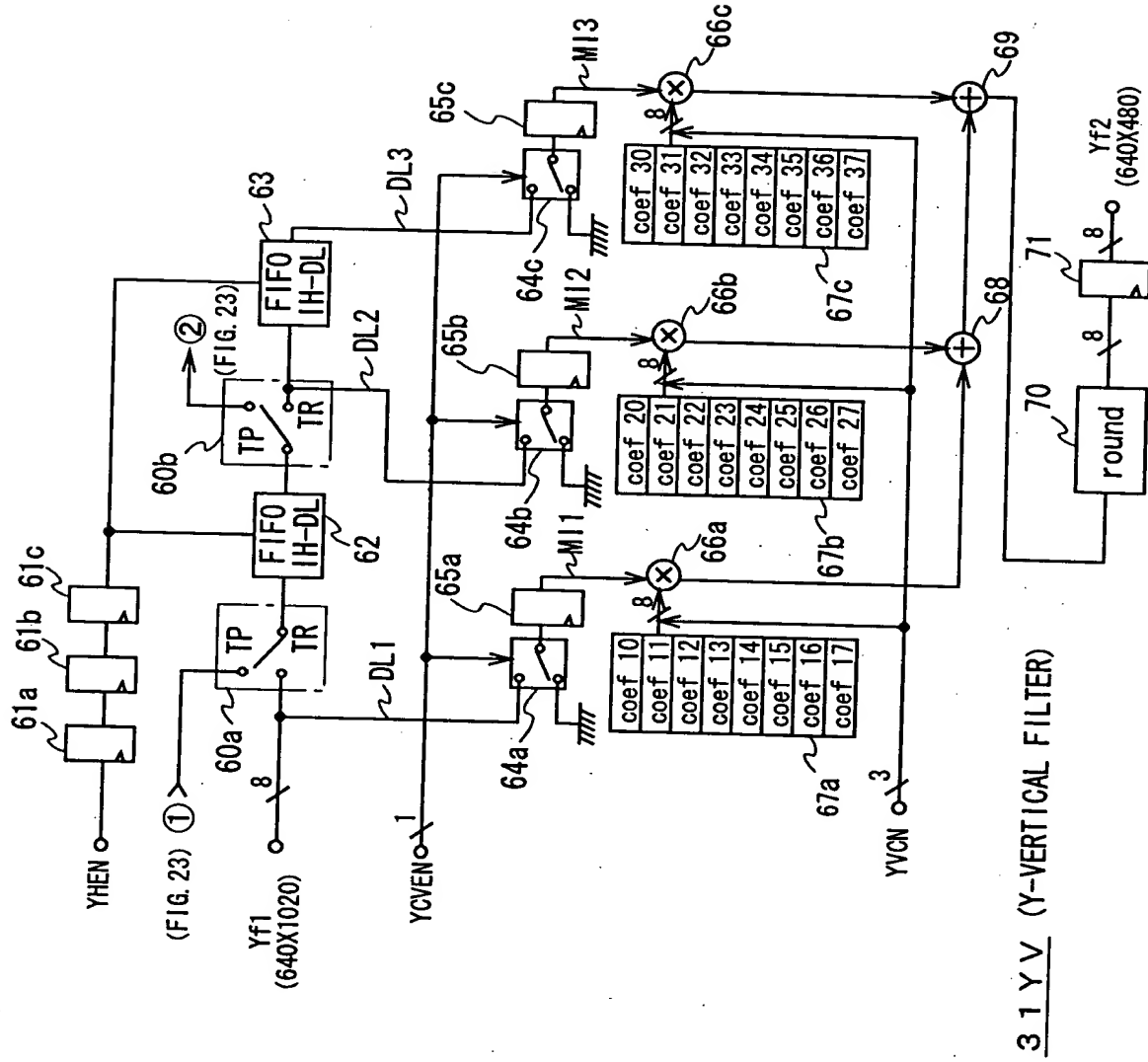


FIG. 10

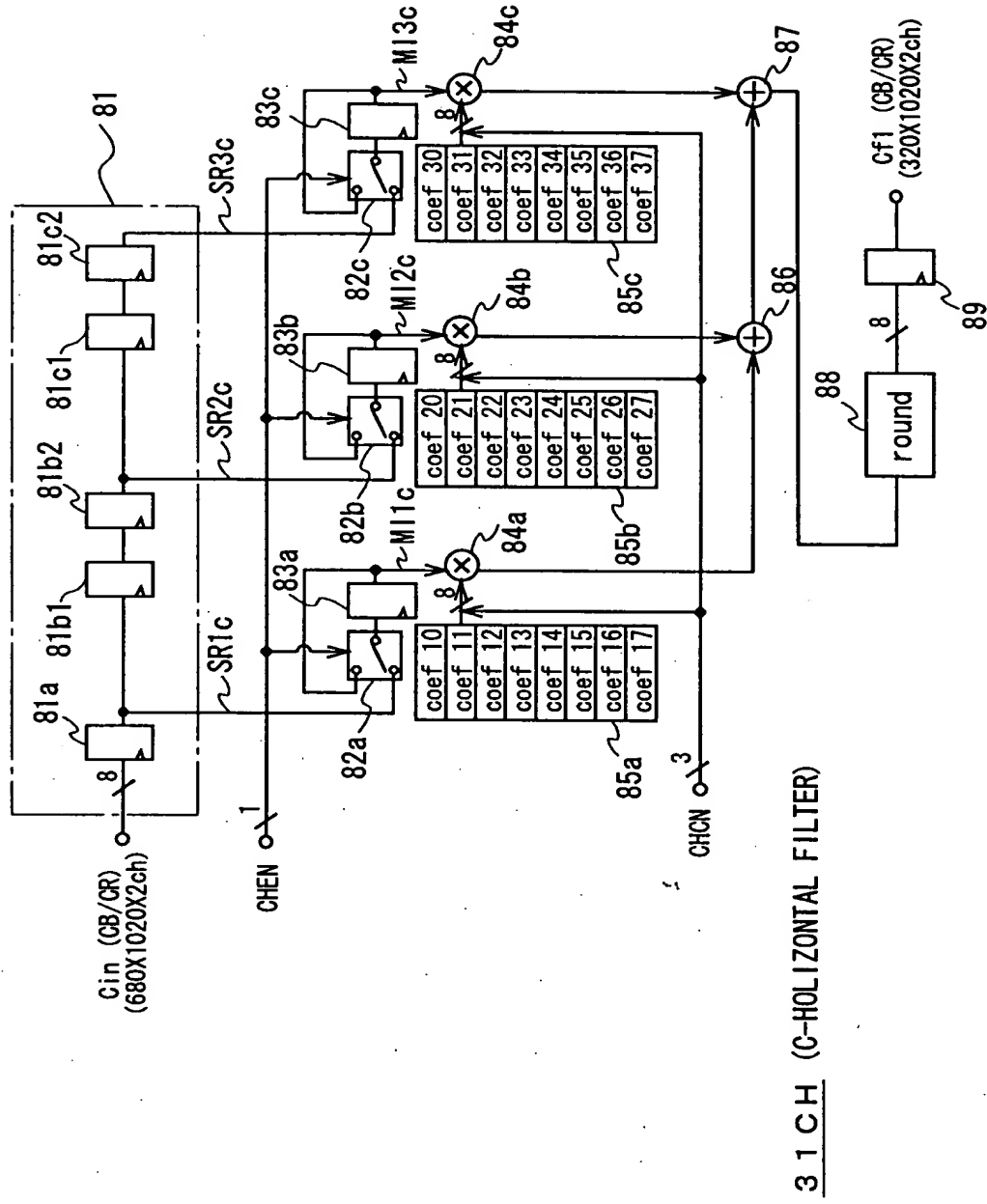
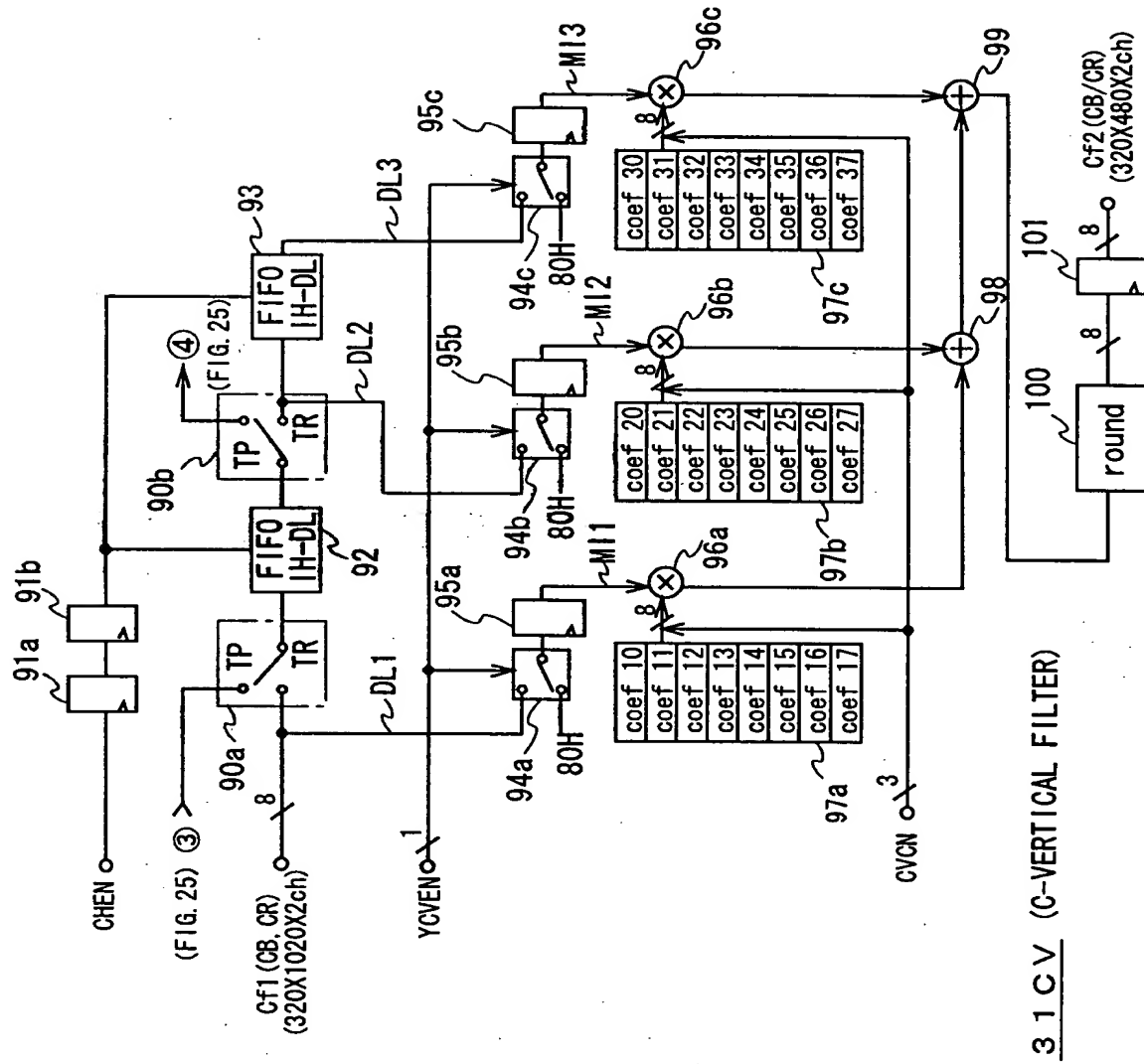


FIG. 11



**FIG. 12**

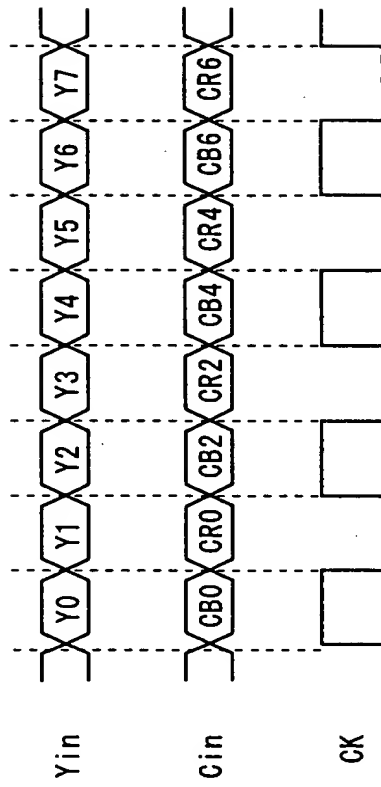
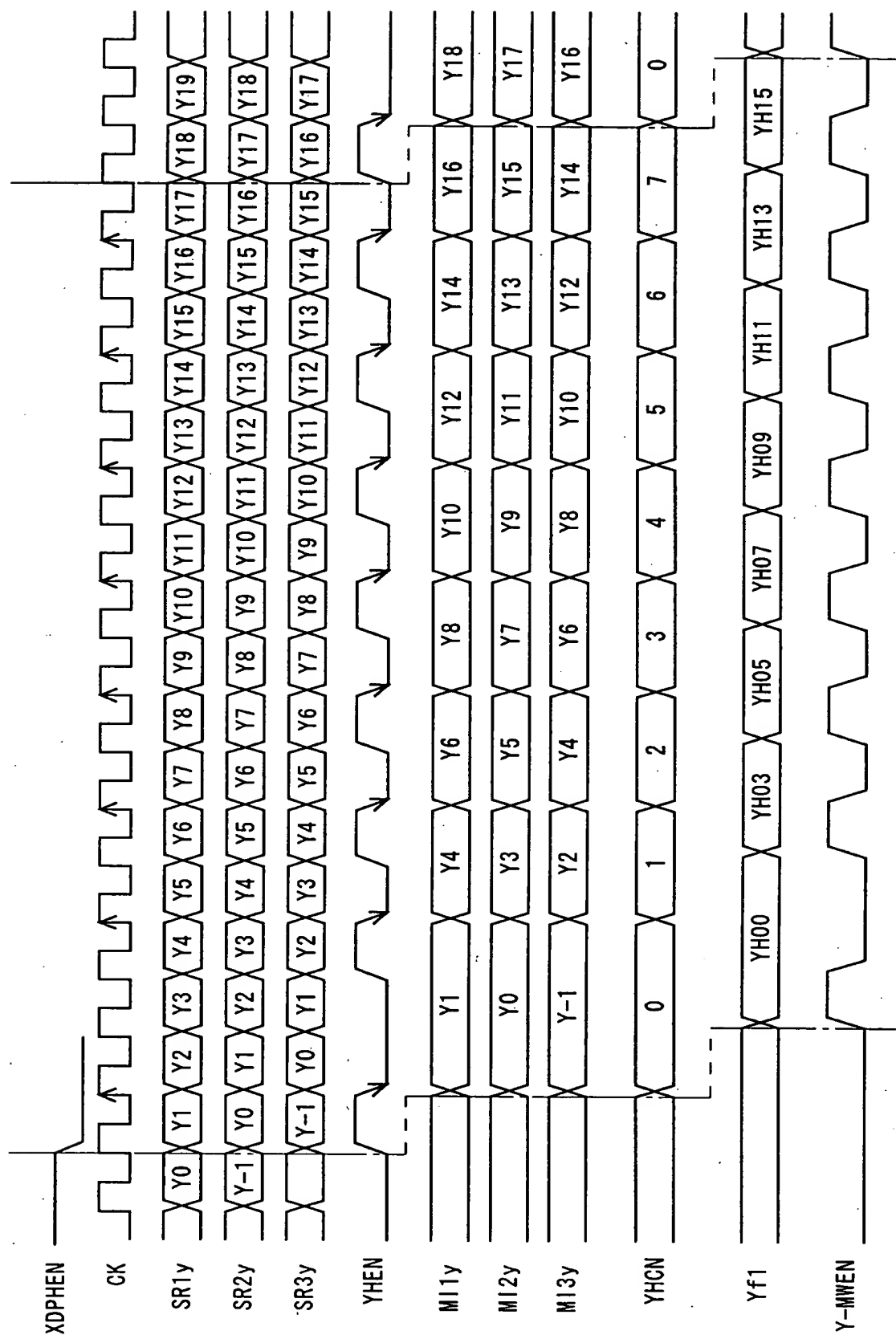
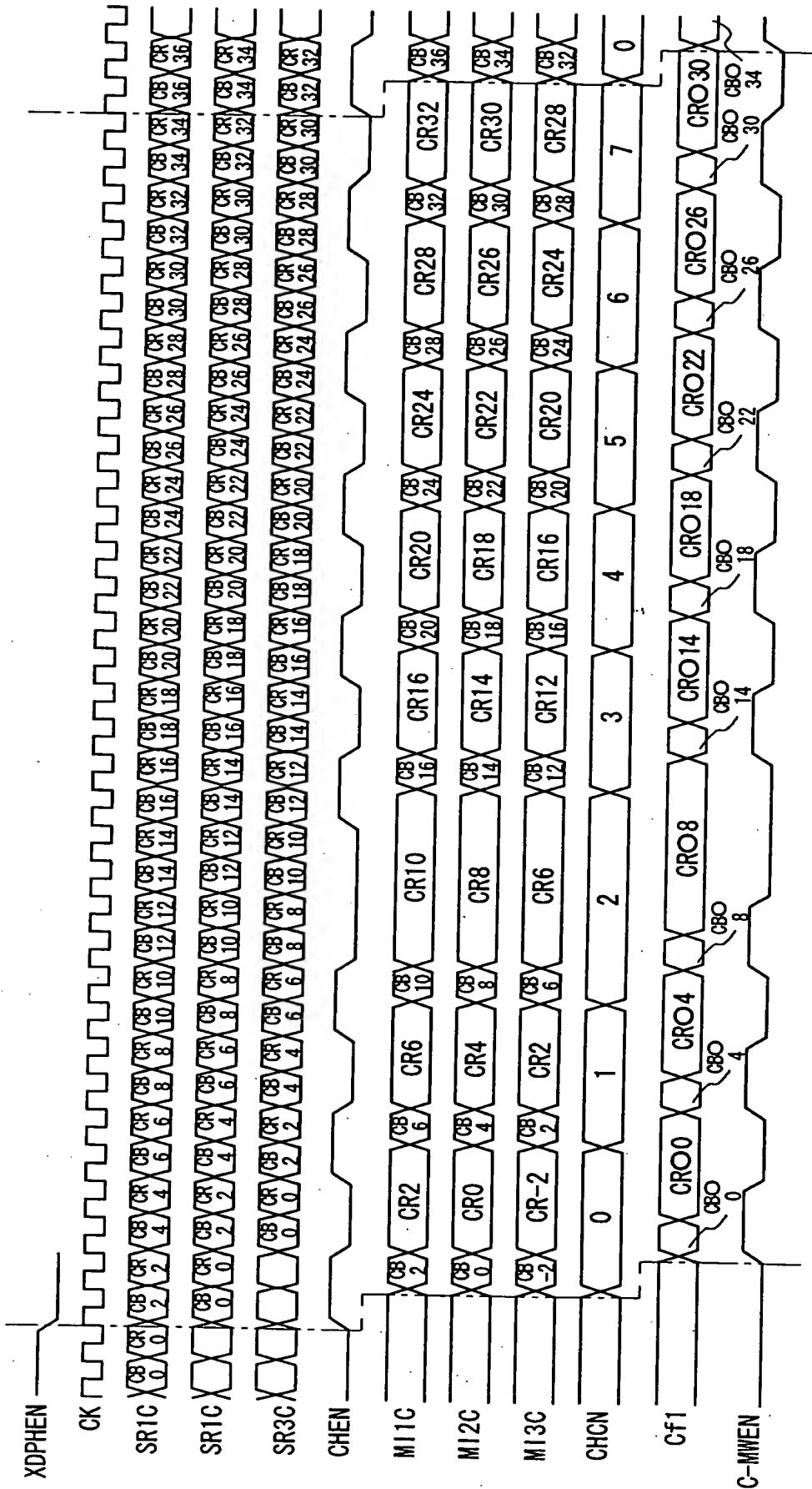


FIG. 13



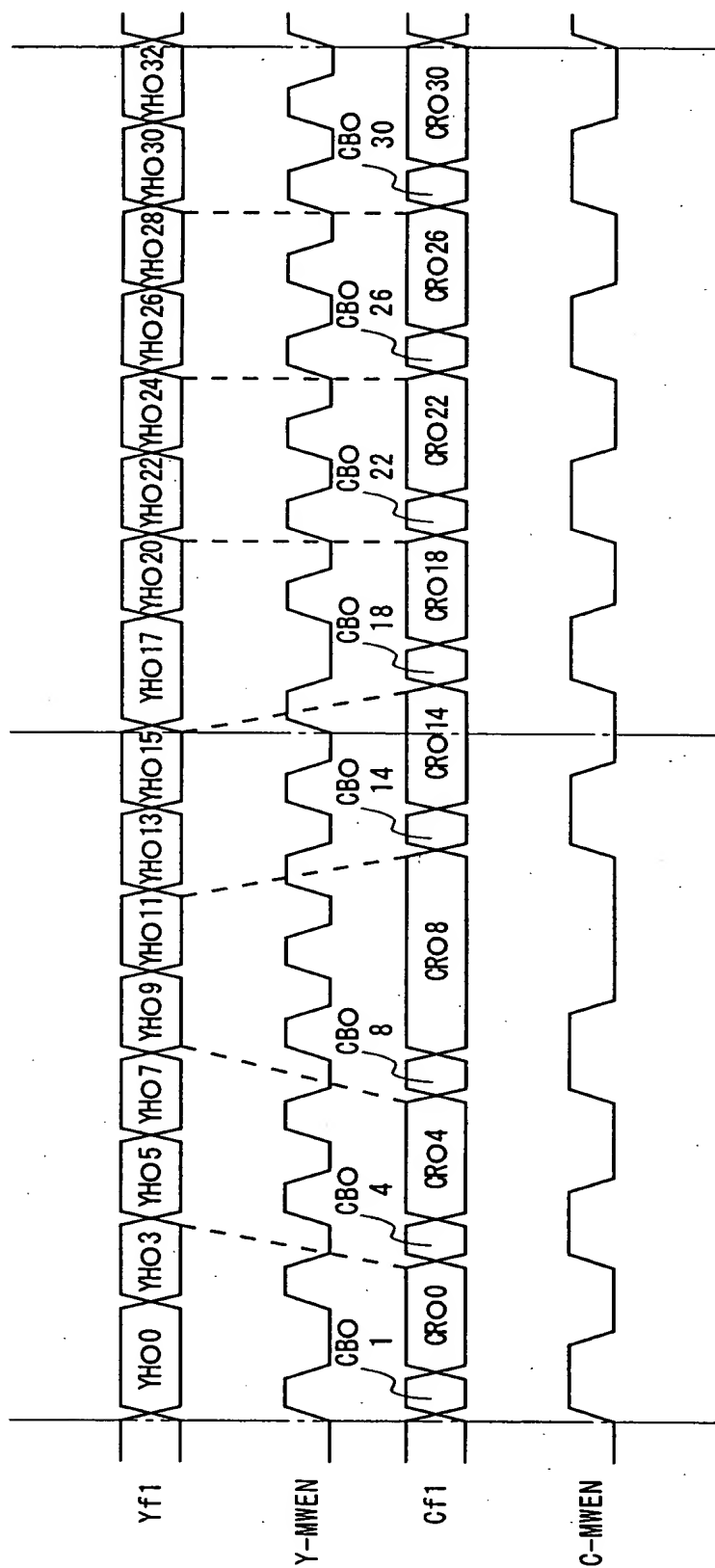
HORIZONTAL THINNING-OUT TIMING OF Y-HORIZONTAL FILTER

FIG. 14



HORIZONTAL THINNING-OUT TIMING OF C-HORIZONTAL FILTER

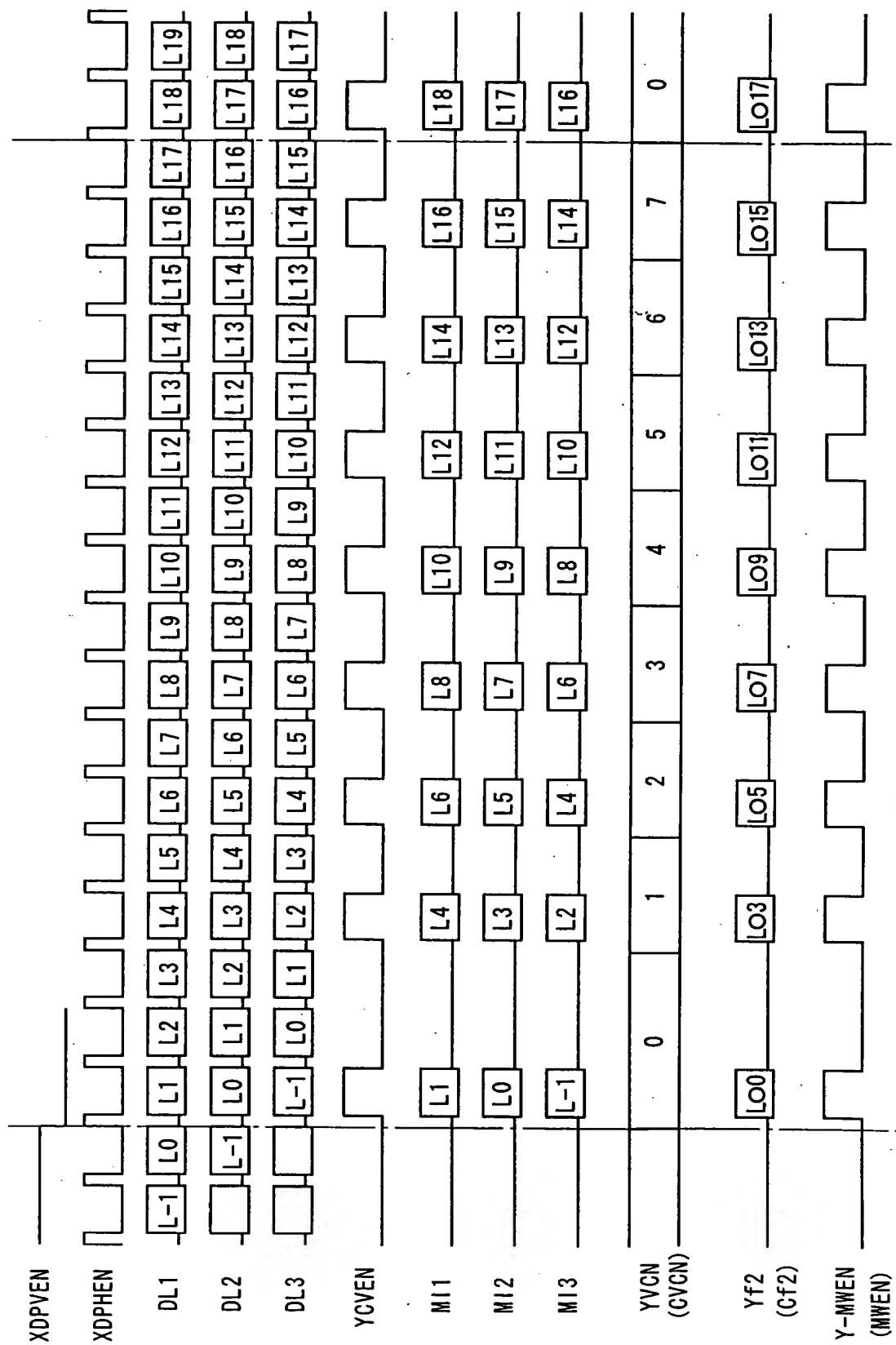
FIG. 15



OUTPUT TIMING OF Y-, C-HORIZONTAL FILTERS

FIG. 16





OUTPUT TIMING OF Y-, C-VERTICAL FILTERS

FIG. 17

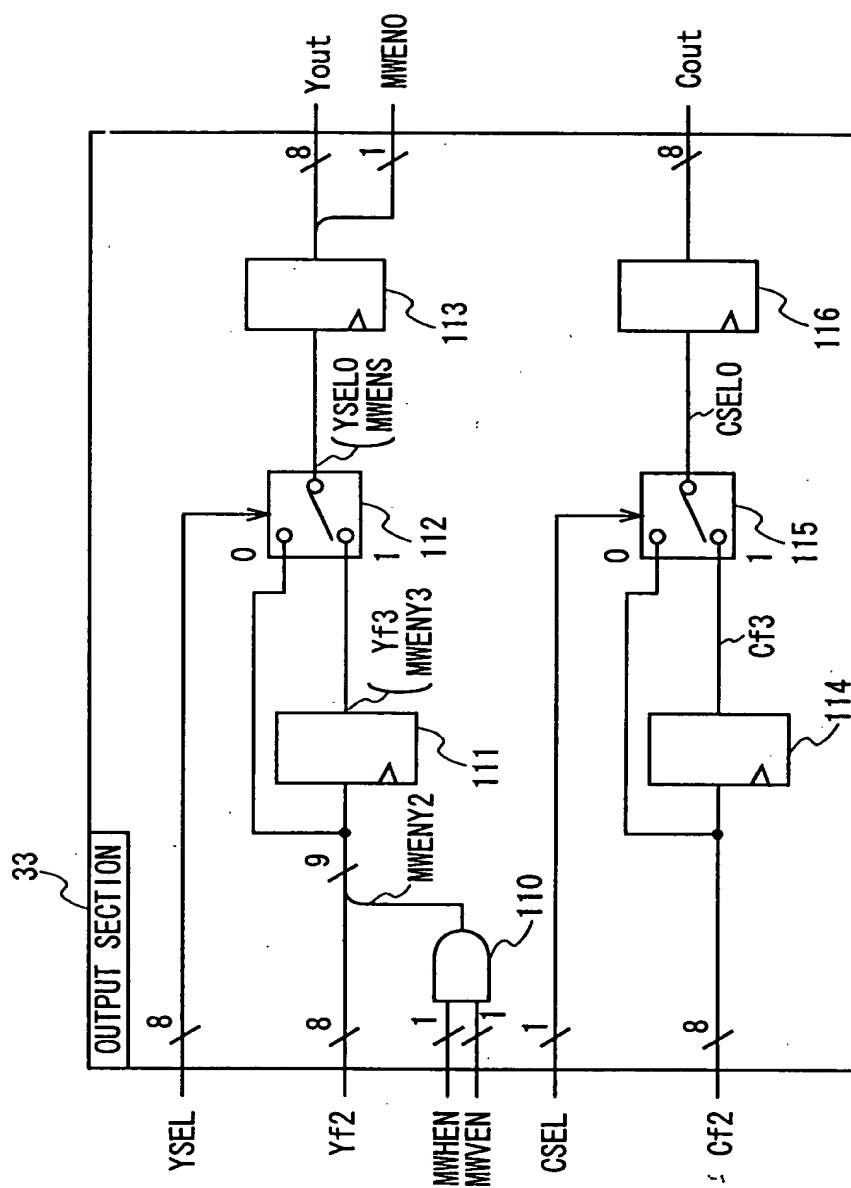


FIG. 18

19/26



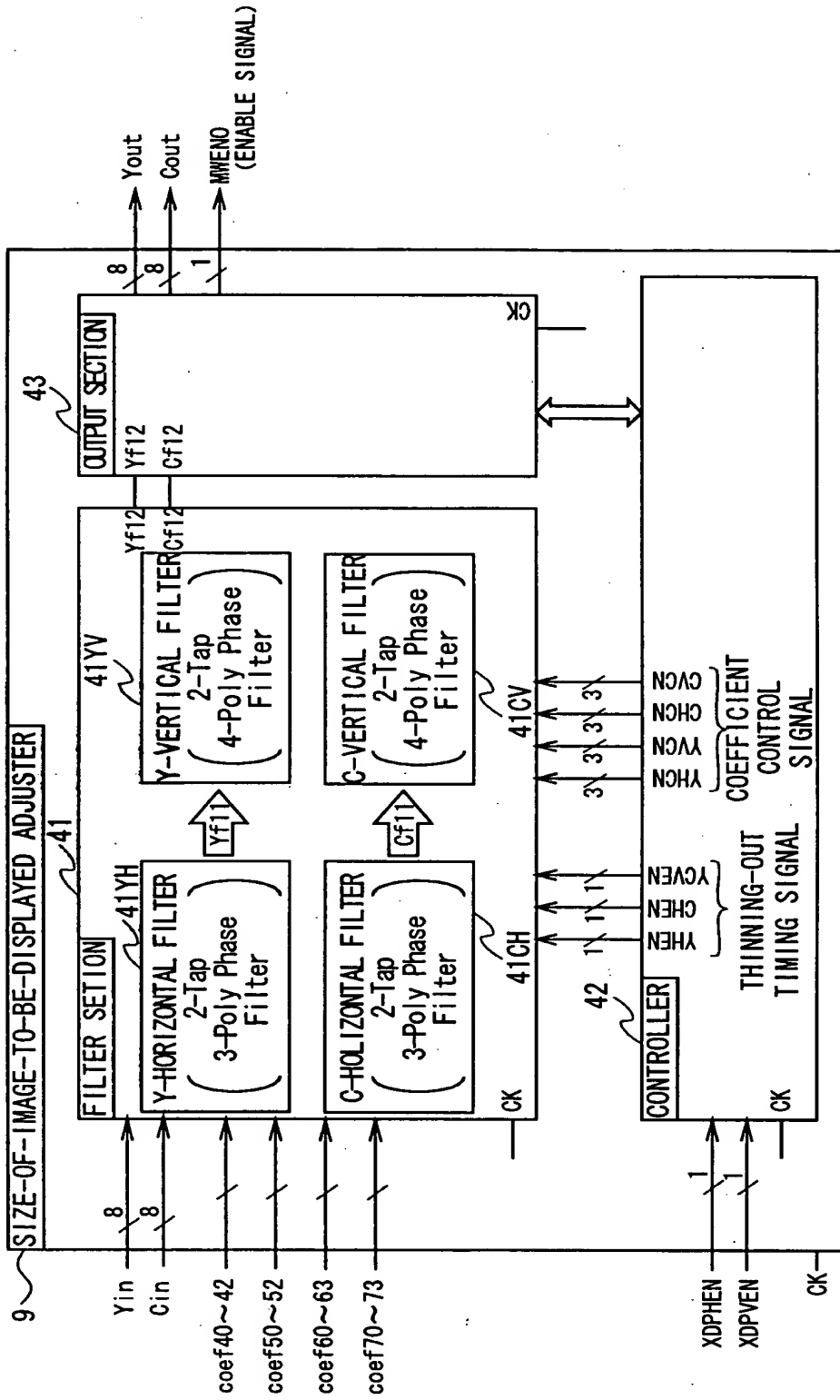


FIG. 21

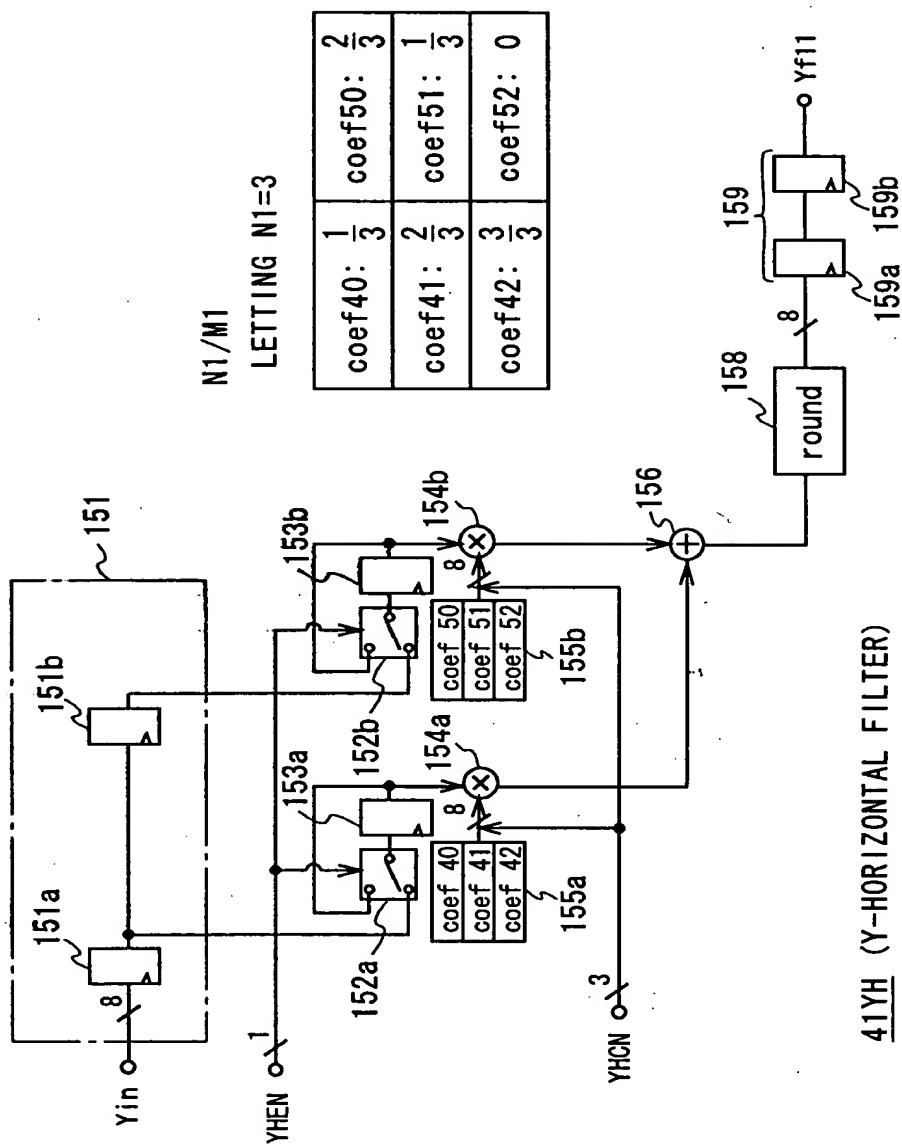


FIG. 22

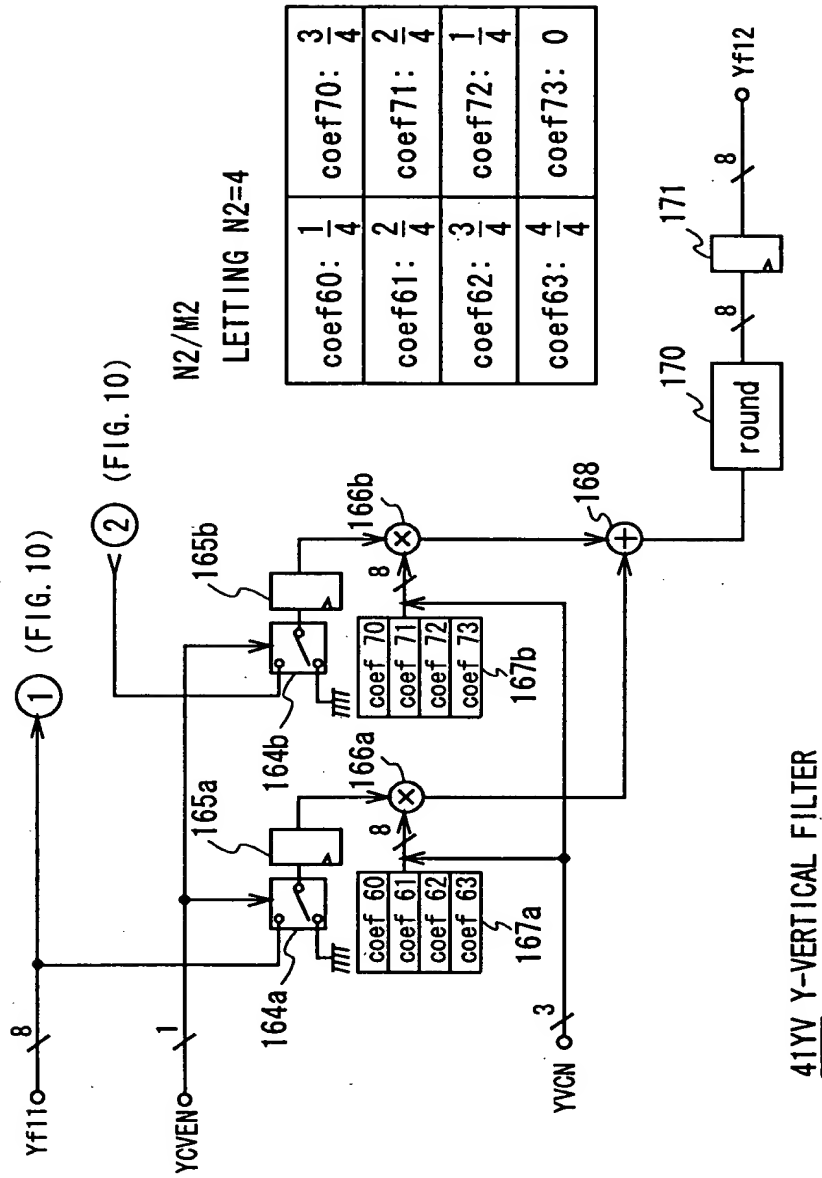
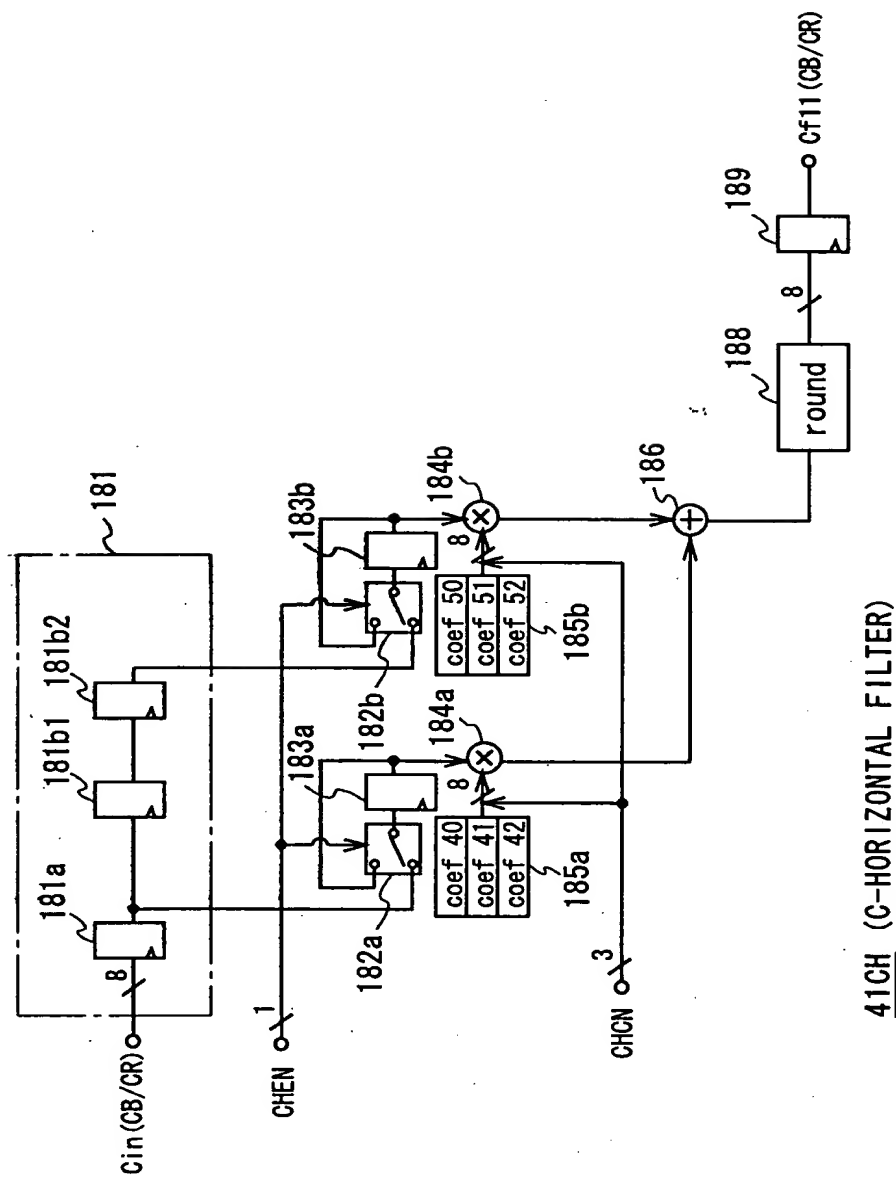


FIG. 23



**FIG. 24**



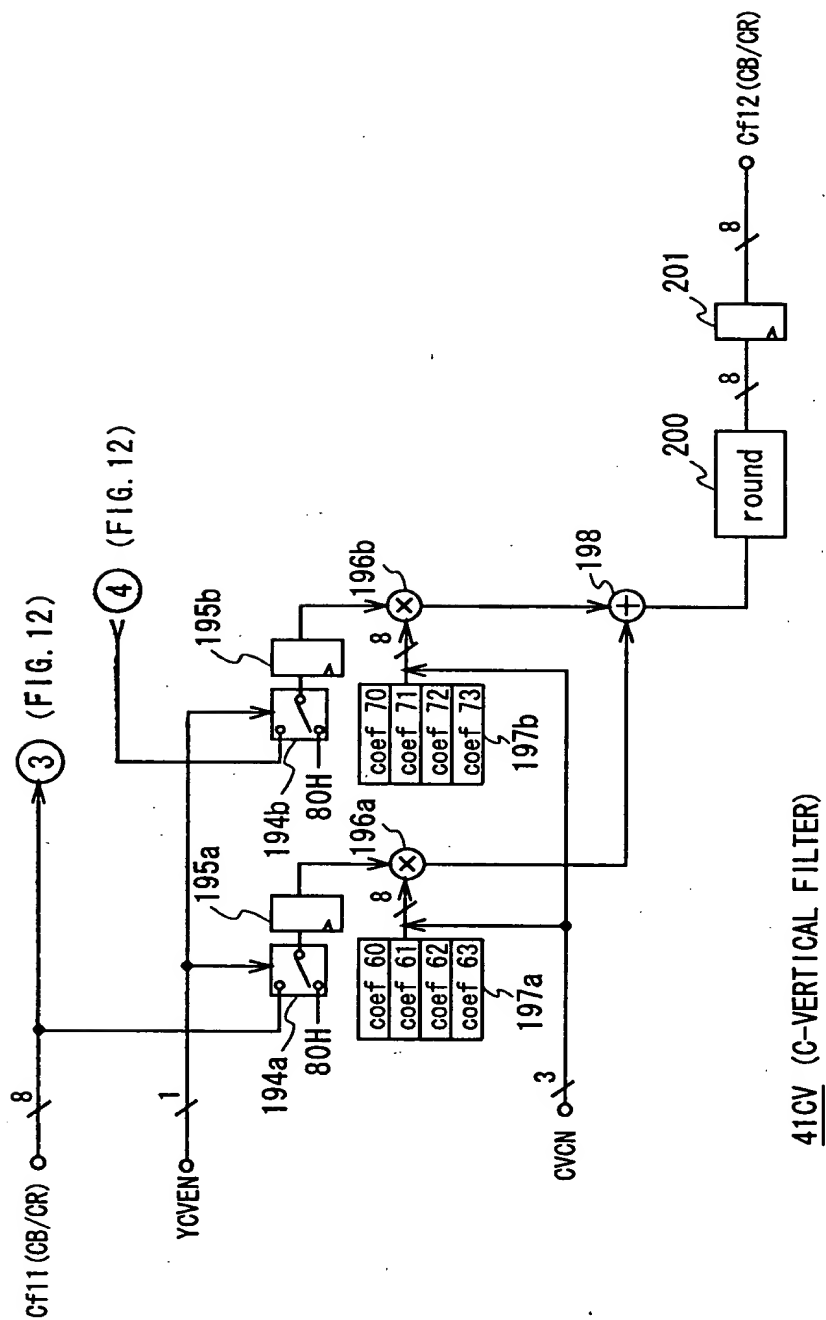


FIG. 25